



20427 U.S. PTO

UTILITY APPLICATION

Attorney Docket No.: HAYESPR.1CP3C4

First Named Inventor: Donald J. Shanklin

Title: PUMP ASSEMBLY WITH ONE PIECE PISTON

Express Mail Label No.: EV 309090899 US

Direct all correspondence to Customer No.: 20995

Date: March 1, 2004

Page 1 of 2

Mail Stop Patent Application

United States Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Donald J. Shanklin

2. Ronald F. Englhard

APPLICATION ELEMENTS:

(X) Specification in 24 pages.

(X) Drawings in 18 sheets.

(X) Declaration by Inventors in 2 pages.

- Copy from parent application
- Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- Examiner in prior application: Derakshani, Philippe
- Group Art Unit of prior application: 3754

Reference to prior domestic applications is made in the:

(X) Reference to prior domestic applications is made in the enclosed Preliminary Amendment.

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Continuation	10/278,053	10/21/02	Pending
10/278,053	Continuation	09/948,944	09/05/01	Issued
09/948,944	Continuation	09/580,682	05/30/00	Issued
09/580,682	Continuation	08/949,837	10/14/97	Issued
08/949,837	Continuation-in-part	08/812,790	03/06/97	Issued

(X) Incorporation by Reference. The entire disclosure of the prior applications is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

(X) Information Disclosure Statement and PTO-1449 in 5 total pages (IDS and 1449).

(X) Preliminary Amendment in 4 pages.

16834 U.S. PTO
10/790666

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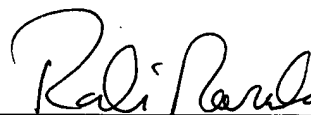
(X) Return prepaid postcard.

FILING FEES:

The present application qualifies for small entity status under 37 C.F.R. § 1.27. The fees are calculated below:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		2001 (\$385)		\$385
Excess Claims > 20	1 - 20 = 0	2202 (\$9)	0 x 9 =	\$ 0
Independent > 3	1 - 3 = 0	2201 (\$43)	0 x 43 =	\$ 0
			TOTAL FEE DUE	\$385

(X) Total fees due will be paid at a later date.



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MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : HAYESPR.1CP3C4

Applicants : Donald J. Shanklin et al.

For : PUMP ASSEMBLY WITH ONE PIECE
PISTON

Attorney : Rabinder N. Narula


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Date of Deposit : March 1, 2004

I hereby certify that the accompanying

Transmittal letter; specification in 24 pages; 18 sheets of drawings; Amendment
in 4 pages; Declaration by Inventor in 2 pages; Information Disclosure
Statement, PTO Form 1449 with 83 references; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nelson Merida